SONY

VGN-CS190JTT

Color inside and out

MAKE A POWERFUL STATEMENT

Discover a new world of mobile computing with Intel® Centrino® 2 processor technology and an Intel® Core™ 2 Duo P8400 processor (2.26GHz[1]) with 4GB of pre-installed system memory.

The VAIO® CS notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit.

A perfect mix of power and style, the VAIO® CS is a slim, lightweight PC weighing only 5.7lbs[7] (with standard battery).

The CS notebook's eye-catching Copper color graces its exterior as well as interior to ensure that this PC makes a head-to-toe color coordinated impression.

Offering a massive boost in wireless connection speed and range, work and play quicker virtually anywhere within your office or home using 802.11n integrated wireless LAN technology[3].

RICH MULTIMEDIA

Watch all your favorite movies in stunning clarity on the 14.1"[6] widescreen display using XBRITE-ECO™ technology so you can see deeper blacks, brighter whites, true-to-life color and razor-sharp detail from almost any angle.

Control your music and movies with a slide of your finger using the touch sensor A/V slide control.

Enjoy your personal musical light shows on a CS notebook. A 12-tone music analyzer translates your music into a colorful LED light show that plays out beneath the trim of the CS notebook.

Store your important documents, family videos and pictures on the roomy 320GB[2] (5400RPM) Serial ATA hard disk drive.

EASY COMMUNICATION

Stay connected to colleagues, friends and family at home or on-the-go with real-time video conferencing[4] using the integrated camera and microphone.

Step out and be seen with the VAIO® CS notebook, a gorgeous and sophisticated 14.1"[6] notebook adorned by fashionable high-gloss colors inside and out. This thin-and-light PC slips easily in and out of hand bags and features an array of entertainment extras, including light effects and an intuitive AV "slide" control that lets you control your media with the slide of a finger.

Intel Centrino Inside Performance to go

Windows Vista Home Premium

802.11 WiFi CERTIFIED

Bluetooth

XBRITE-ECO™

RoHS COMPLIANT

VGN-CS190JTT

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: Play/ Pause/ Stop, AV Mode, Mute, Volume-/+, Capture, WLAN on/off
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 18.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor P8400
Speed: 2.26GHz
Front Side Bus Speed: 1066MHz
L2 Cache: 3MB
Technology: Intel® Centrino® 2 processor techology

Memory

Type: DDR2
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 4GB
Speed: 800MHz

Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 6x max
DVD+R Write: 8x max
DVD+RW Write: 8x max
DVD-R Write: 8x max
DVD-RW Write: 6x max
CD-R Write: 24x max
CD-RW Write: 24x max
DVD±RW: Yes (DVD±R DL/DVD±RW/RAM)
CD Read: 24x max
DVD Read: 8x max
DVD-RAM Write: 5x max
DVD-R DL Write: 6x max
DVD-RAM Read: 5x max

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ media slot (Standard/Duo) with MagicGate® functionality
One ExpressCard® /34 slot
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 14.1"[6]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes
Technology: WXGA LCD

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology with Total Available Graphics Memory of 1750MB (max.)[10]
Chipset: Mobile Intel® GM45 Express Chipset
Interface: VGA out with Smart Display Sensor

Inputs and Outputs

Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology[5]

Power

Battery Type: VGP-BPS13/S (Standard Capacity)
Estimated Battery Life: 1.5-4.0 hours[11] Standard Capacity Battery
2.5-6.0 hours[11] Large Capacity Battery
Power Requirements: 86W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[14]
The VAIO® Software Experience: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus & Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version[15]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[12]. See actual warranty for details.

Environmental Information

RoHS®: Compliant
For more information:
www.sony.com/vaioeco

Dimensions

Weight: 5.7 lbs[7] (with standard battery)
Measurements: 13.2"(W) x 0.83-1.51"(H) x 9.8"(D)[8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS13/S)
AC Adapter
Power Cord

Optional Accessories

Large Capacity Battery (VGP-BPL13)
Additional Standard Lithium-ion Capacity Battery (VGP-BPS13A/S)
AC Adapter (VGP-AC19V25)
USB Portable Speaker (VGP-USP1)
Neoprene Notebook and AC Adapter Case (VGP-AMC5)

Color: Copper
UPC Code: 27242755963

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. Interoperability and compatibility among Bluetooth® devices varies.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point.
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you don't activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
15. Microsoft® Windows Live™ OneCare™ Trial Version – This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.

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Printed in USA 10/08.